

SPORTSBEAMS



ORBIT SERIES

COST-COMPETITIVE BROADCAST
LIGHT DESIGNED TO LAST FOR YEARS



GLARE-FREE



BROADCAST
QUALITY



NO PLASTIC
LENSES



OPTIMAL
THERMAL DESIGN



ADVANCED
INTELLIGENCE





KEY FEATURES

- 200 ~ 500W LED illumination
- Up to 60,000+ lumens delivered
- CCT option from 1800K to 7000K
- Direct DMX/RDM controllability to each fixture
- Glare-reducing, patented single glass optic for even field lighting
- High 90+ CRI color fidelity option
- Built-in over temperature protection
- IP-66 weather-tight housing & system
- 120,000+ hour rated LEDs
- IK-10 rated with optional cage attachment
- IP-67 proprietary power supply with surge protection

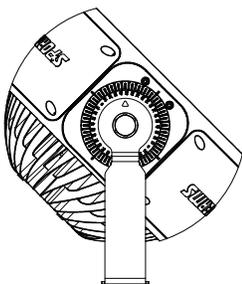
SPORTSBEAMS ORBIT SERIES

White LED Architectural & Sports Lighting Fixture

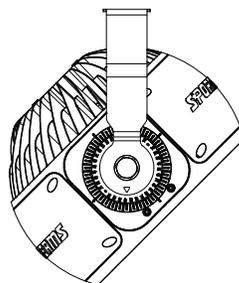
TYPICAL INSTALLATIONS

- Collegiate and Professional Arenas
- Convention Center Halls
- Gymnasiums and Auditoriums
- Stadium Egress Lighting
- Municipal Sports Fields
- Building Wall Washes
- High Mast

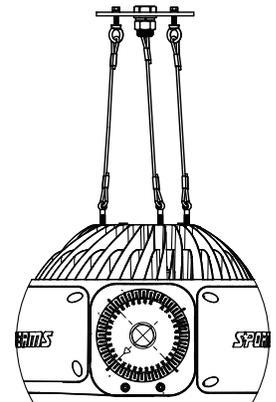
MOUNTING OPTIONS



TOP MOUNT UP



UNDERSLUNG



PENDANT MOUNT

WHITE LUMEN CHART

NEMA	TEMP	CRI	SERIES 2	SERIES 3	SERIES 4	SERIES 5
4	4000K	75	27,948	42,345	51,655	60,965
4	5700K	75	27,948	42,345	51,655	60,965
4	4000K	90	22,868	34,648	42,266	49,883
4	5700K	90	22,868	34,648	42,266	49,883
5	4000K	75	27,470	41,621	50,772	59,923
5	5700K	75	27,470	41,621	50,772	59,923
5	4000K	90	22,476	34,054	41,541	49,028
5	5700K	90	22,476	34,054	41,541	49,028
6	4000K	75	26,487	40,132	48,955	57,779
6	5700K	75	26,487	40,132	48,955	57,779
6	4000K	90	21,672	32,836	40,055	47,275
6	5700K	90	21,672	32,836	40,055	47,275
7	4000K	75	24,368	36,921	45,038	53,156
7	5700K	75	24,368	36,921	45,038	53,156
7	4000K	90	19,937	30,208	36,850	43,491
7	5700K	90	19,937	30,208	36,850	43,491



SPECIFICATIONS¹

	SERIES 2	SERIES 3	SERIES 4	SERIES 5
LIGHT & OPTICS				
LUMEN OUTPUT RANGE	19,937 ~ 27,948	30,208 ~ 42,345	36,850 ~ 51,655	43,491 ~ 60,965
LUMEN-TO-WATT RANGE	100 ~ 140 lm/W	100 ~ 140 lm/W	87 ~ 122 lm/W	87 ~ 122 lm/W
CRI/TLCI OPTIONS ²	75/75 90/90	75/75 90/90	75/75 90/90	75/75 90/90
CCT RANGE OPTION	1800K ~ 7000K	1800K ~ 7000K	1800K ~ 7000K	1800K ~ 7000K
NEMA OPTIONS	4/5/6/7	4/5/6/7	4/5/6/7	4/5/6/7
ELECTRICAL				
SYSTEM POWER	200W	300W	400W	500W
FREQUENCY RANGE	45~66 Hz	45~66 Hz	45~66 Hz	45~66 Hz
INPUT VOLTAGE	110V ~ 277V	110V ~ 277V	110V ~ 277V	110V ~ 277V
DC VOLTAGE	48V	48V	48V	48V
CURRENT RANGE	3.0A MAX @ 100VAC	3.0A MAX @ 100VAC	5.0A MAX @ 100VAC	5.0A MAX @ 100VAC
POWER FACTOR	0.99 @ 115V / 0.94 @ 277V	0.99 @ 115V / 0.94 @ 277V	0.99 @ 115V / 0.95 @ 277V	0.99 @ 115V / 0.95 @ 277V
THD	<20%	<20%	<20%	<20%
INRUSH CURRENT	<35A	<35A	<50A	<50A
ELECTRICAL CERTIFICATIONS	FCC, CE, ETL, IK08, CB, KC, UL 924	FCC, CE, ETL, IK08, CB, KC, UL 924	FCC, CE, ETL, IK08, CB, KC, UL 924	FCC, CE, ETL, IK08, CB, KC, UL 924
SURGE PROTECTION	L-L 6kV ~ L-PE 10kV			
OVER TEMPERATURE PROTECTION	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY
OVER VOLTAGE PROTECTION	RECOVERY AFTER POWER CYCLE			
OVER LOAD PROTECTION	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY	AUTOMATIC RECOVERY
CONSTRUCTION				
OPERATING TEMPERATURE RANGE	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
USAGE ENVIRONMENTS	INDOOR, OUTDOOR	INDOOR, OUTDOOR	INDOOR, OUTDOOR	INDOOR, OUTDOOR
MOUNTING OPTIONS	PEDESTAL, PENDANT	PEDESTAL, PENDANT	PEDESTAL, PENDANT	PEDESTAL, PENDANT
ENVIRONMENTAL CERTIFICATIONS	ROHS, FCC, SALT SPRAY			
VIBRATION	ANSI C136.31-2010 3G	ANSI C136.31-2010 3G	ANSI C136.31-2010 3G	ANSI C136.31-2010 3G
EFFECTIVE PROJECTED AREA (EPA)	1.28 (FT ²) with or without visor	1.28 (FT ²) with or without visor	1.28 (FT ²) with or without visor	1.28 (FT ²) with or without visor
APPROXIMATE WEIGHT	26lbs	26lbs	29lbs	29lbs



NOTES:

- (1) Specifications are subject to change without notice
- (2) Values are +/- 5%

- (3) Values are +/- 4% when fixture is operated at 25°C ambient
- (4) Weight may vary depending on mounting bracket

UL Listing: Suitable for wet locations.

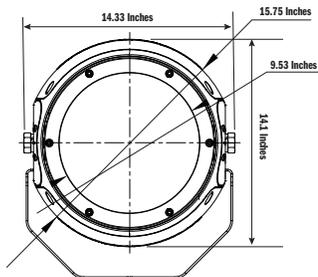
ORDERING MATRIX

FAMILY	MODEL	NEMA TYPE	CCT OPTION	CRI	MOUNT	VISOR	FINISH	OPTION
x00	M	4	5700	75	S	N	G	C
200 = 200W 300 = 300W 400 = 400W 500 = 500W	M = MONO C = CHROMA	4 = 4H x 4V 5 = 5H x 5V 6 = 6H x 6V 7 = 7H x 7V	1800 = 1800K 3000 = 3000K 4000 = 4000K 5000 = 5000K 5700 = 5700K 7000 = 7000K	75 = 75CRI 90 = 90CRI	S = Standard P = Pendant	N = None F = Full 360° FL = Full Long 360° H = Half 180° HL = Half Long 180°	G = Gray ¹ BK = Black W = White	C = Cage

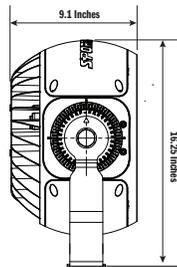
(1) Any colors other than our standard gray can incur extra costs and increased lead time

MOST COMMON SKU
500-M-4-5700-75-S-N-G

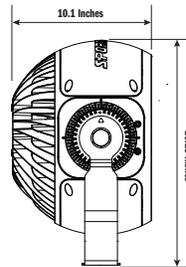
DIMENSIONS



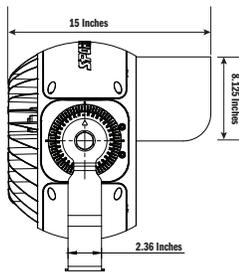
SERIES 2/3/4/5



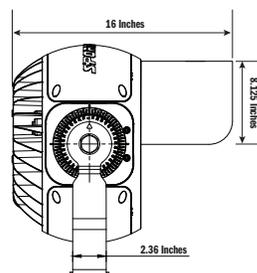
SERIES 2/3



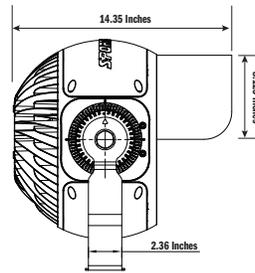
SERIES 4/5



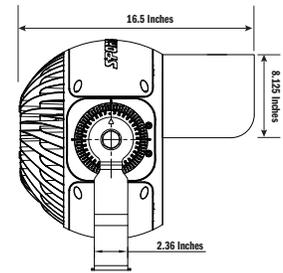
SERIES 2/3 SHORT 180°



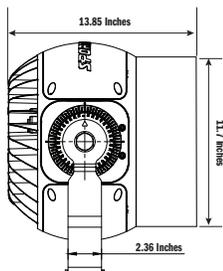
SERIES 2/3 LONG 180°



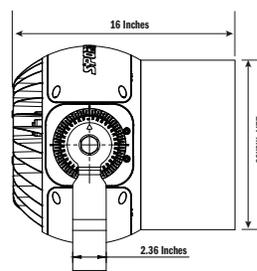
SERIES 2/3 LONG 180°



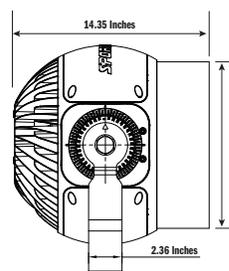
SERIES 2/3 LONG 180°



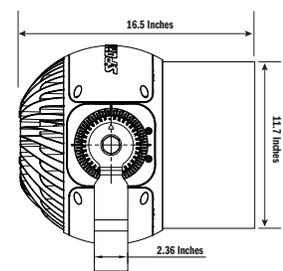
SERIES 2/3 SHORT 360°



SERIES 2/3 LONG 360°



SERIES 4/5 SHORT 360°



SERIES 4/5 LONG 360°